

United States Of America  
Department of Transportation - Federal Aviation Administration

# Supplemental Type Certificate

*Number* SA8204SW-D

*This Certificate issued to* RAM Aircraft, Limited Partnership  
7505 Karl May Drive  
Waco, TX 76708

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.*

*Original Product Type Certificate Number:* A7CE

*Make:* Cessna

*Model:* 414A

*Description of Type Design Change:* Option 1. Installation of Vortex Generators on a Cessna model 414A modified in accordance with STC number SA7633SW-D and in accordance with RAM Aircraft, Limited Partnership RAM drawing 1536, dated December 31, 1991 or later FAA approved revision. No change to the Airplane Flight Manual Supplement (AFMS), dated August 10, 1989. Option 2 Installation of Vortex Generators in accordance with RAM Aircraft, Limited Partnership RAM drawing 1536, dated December 31, 1991 or later FAA approved revision. See option 2 in limitations for appropriate AFMS.

*Limitations and Conditions:* (See continuation sheet 3 of 3)

*This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.*

*Date of application:* January 10, 1992

*Date reissued:* October 8, 2001; February 28, 2008;  
August 29, 2008

*Date of issuance:* February 10, 1992

*Date amended:*

*By direction of the Administrator*



ORIGINAL SIGNED BY TERRY BOWDEN

(Signature)

Terry L. Bowden  
DAS administrator DAS-700100-SW  
RAM Aircraft LP Waco, Texas

(Title)

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**Supplemental Type Certificate**  
(Continuation Sheet)

*Number* SA8204SW-D

Date of Issuance: February 10, 1992

Reissuance Date: August 29, 2008

*Limitations and Conditions* (Continued): Option 2. Aircraft Flight Manual Supplement – FM1026 dated February 10, 1992 is required. Airspeed markings and limitations placards to show new approved stall speeds and minimum control speeds must be installed to agree with the Aircraft Flight Manual Supplement. Compatibility of this design change with previously approved modifications must be determined by the installer. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.